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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/773,312	02/09/2004	Eun-sung Lee	277,008 DIV	6650
27849 LEE & MORS	7590 01/29/2007 E, P.C.		EXAMINER	
3141 FAIRVIEW PARK DRIVE			VU, HUNG K	
SUITE 500 FALLS CHURCH, VA 22042 ART UNIT PAPE		PAPER NUMBER		
	,		2811	
SHORTENED STATUTOR	RY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE	
3 MO	NTHS	01/29/2007	PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

				SI		
		Application No.	Applicant(s)	7		
Office Action Commons		10/773,312	LEE ET AL.			
Onic	e Action Summary	Examiner	Art Unit			
		Hung Vu	2811			
The MAI Period for Reply	LING DATE of this communication app	pears on the cover sheet with the	correspondence addre	9SS		
WHICHEVER IS - Extensions of time in after SIX (6) MONT - If NO period for reply with Any reply received	O STATUTORY PERIOD FOR REPLY S LONGER, FROM THE MAILING D/may be available under the provisions of 37 CFR 1.11 HS from the mailing date of this communication. It is specified above, the maximum statutory period v in the set or extended period for reply will, by statute by the Office later than three months after the mailing adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 36(a). In no event, however, may a reply be the twill apply and will expire SIX (6) MONTHS from a cause the application to become ABANDON	DN. imely filed m the mailing date of this comm IED (35 U.S.C. \$ 133)			
Status			1			
1)⊠ Responsi	ve to communication(s) filed on 15 N	ovember 2006				
<u>'</u>	· · · ——	action is non-final.		•		
·==	application is in condition for allowar		rosecution as to the m	nerits is		
	accordance with the practice under E					
Disposition of Clai						
4)⊠ Claim(s) :	20-31 is/are pending in the application	n				
	above claim(s) <u>29</u> is/are withdrawn fi		•			
	is/are allowed.	, and a second and the second and th				
	20 and 24 is/are rejected.			•		
_	21-23,25-28,30 and 31 is/are objected	d to				
	are subject to restriction and/o					
Application Paper						
•						
	ication is objected to by the Examine					
	ng(s) filed on is/are: a) acce	-				
	may not request that any objection to the					
	ent drawing sheet(s) including the correct					
	or declaration is objected to by the Ex	aminer. Note the attached Office	e Action or form PTO-	·152.		
Priority under 35 L	J.S.C. § 119					
	dgment is made of a claim for foreign ☐ Some * c) ☐ None of:	priority under 35 U.S.C. § 119(a	a)-(d) or (f).			
1. ☐ Cer	tified copies of the priority documents	s have been received.	· ·			
2.⊠ Cer	2. Certified copies of the priority documents have been received in Application No. 10/384,495.					
3. ☐ Cor	pies of the certified copies of the prior	rity documents have been receiv	ed in this National Sta	age		
арр	lication from the International Bureau	ı (PCT Rule 17.2(a)).				
* See the atta	ached detailed Office action for a list	of the certified copies not receiv	ed.			
		•				
Attachment(s)				•		
3) 🛛 Informațion Disclo	rson's Patent Drawing Review (PTO-948) sure Statement(s) (PTO/SB/08)	4) Interview Summar Paper No(s)/Mail D 5) Notice of Informal	Date			
raper NO(S)/IVIAII I	Date <u>2/9/04, 2/2/05, 7/13/05</u> .	6)	·			

DETAILED ACTION

Election/Restrictions

1. Applicant's election of Invention of 1 of Figures 3A-3F, Claims 20-28 and 30-31, in the reply filed on 11/15/06 is acknowledged. Because applicant did not distinctly and specifically point out the supposed errors in the restriction requirement, the election has been treated as an election without traverse (MPEP § 818.03(a)).

Applicant's election without traverse of Invention of 1 of Figures 3A-3F, Claims 20-28 and 30-31 in the reply filed on 11/15/06 is acknowledged.

2. Claim 29 is withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected Invention, there being no allowable generic or linking claim. Election was made **without** traverse in the reply filed on 11/15/06.

Claim Objections

3. Claim 23 is objected to because of the following informalities:

In claim 23, line 1, "20" should be changed to "22" for clarity.

In claim 23, lines 2-3, "a connection part" should be changed to "the connection part" for clarity.

Appropriate correction is required.

Claim Rejections - 35 USC § 102

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4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 20 and 24 are rejected under 35 U.S.C. 102(e) as being anticipated by Ma et al. (US 2004/0000696).

Ma et al. discloses, as shown in Figures 1-6, a MEMS device, comprising :

a fixing part fixed to a substrate (12);

a driving part (16) connected to the fixing part by a connecting part (26) and floating over the substrate;

an electrode part (14a) for driving the driving part;

contact parts (14b) selectively switchable with the driving part, wherein the electrode part and the contact parts are planarized on the substrate.

Regarding claim 24, Ma et al. discloses a width of the connection part is narrower than that of the fixing part.

Allowable Subject Matter

- 5. Claims 21-23, 25-28 and 30-31 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.
- 6. The following is an examiner's statement of reasons for allowance:

Applicant's claims 21-23, 25-28 and 30-31 are allowable over the references of record because none of these references disclose or can be combined to yield the claimed MEMS device comprising the electrode part includes an electrode and an insulation layer covering the electrode to electrically isolate the driving part and the electrode, as recited in claim 21; an anchor inserted between the fixing part and the substrate for fixing the fixing part on the substrate and sidewalls on at least a portion of side surfaces of the anchor, as recited in claim 22.

Conclusion

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hung Vu whose telephone number is (571) 272-1666. The examiner can normally be reached on Monday to Thursday 6:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard T. Elms can be reached on (571) 272 - 1869. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Vu

January 17, 2007

Hung Vu

Primary Examiner